

FIG 1

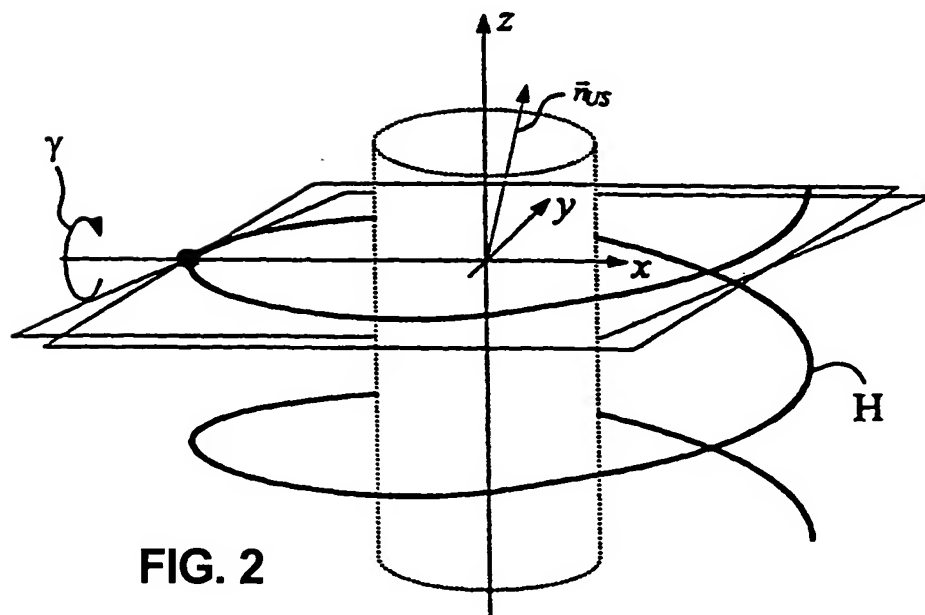
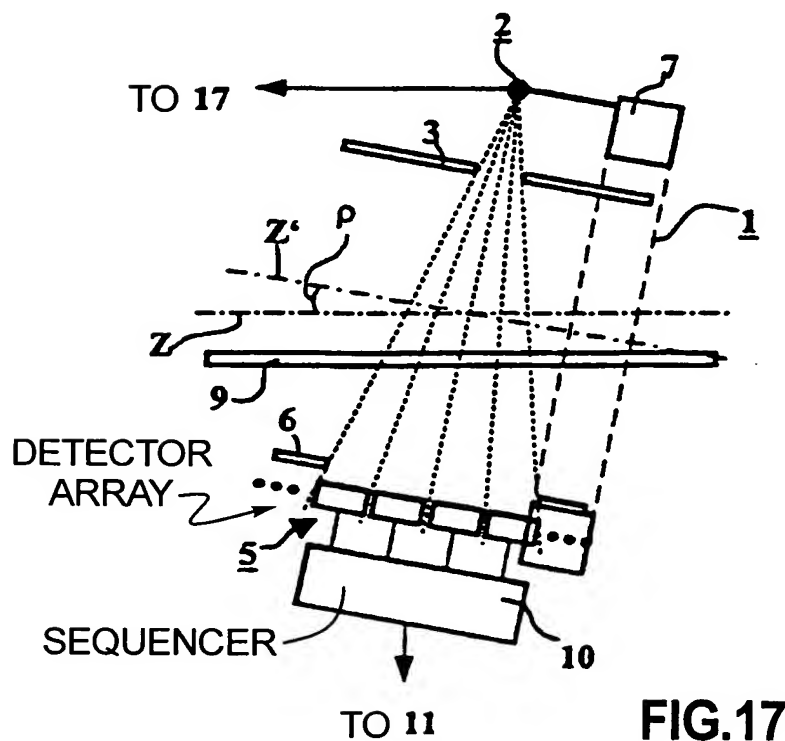
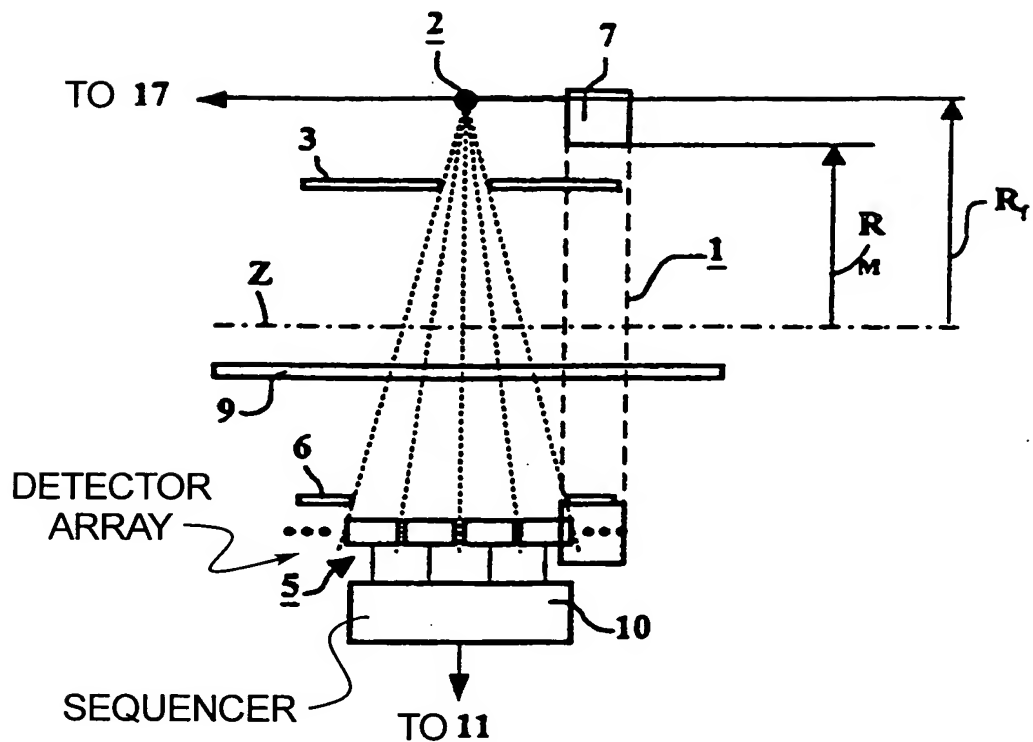


FIG. 2





FIG 3



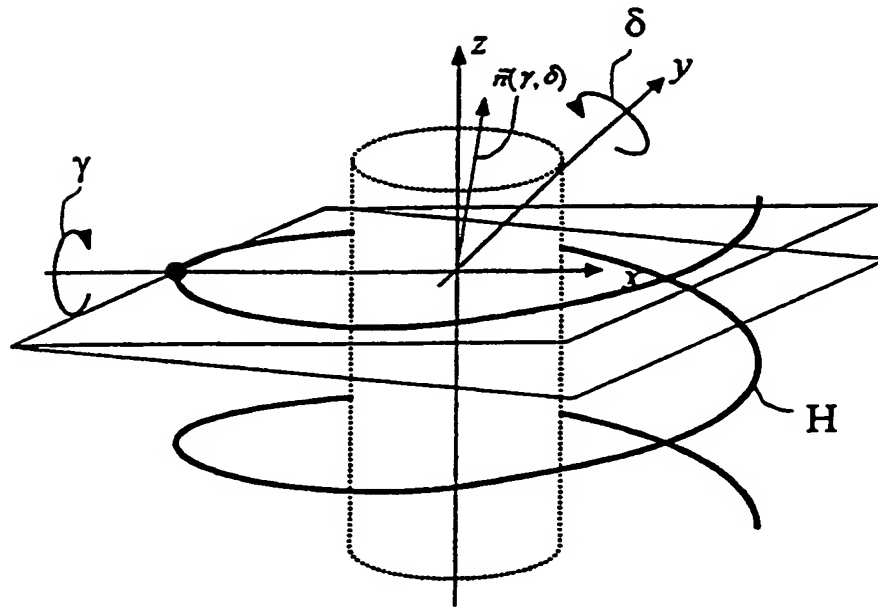


FIG 5

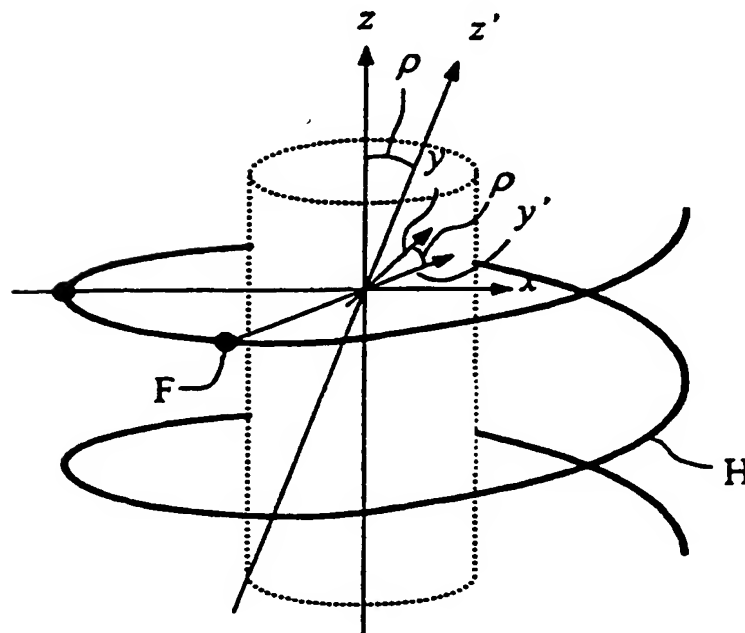


FIG 18

z-distance/S

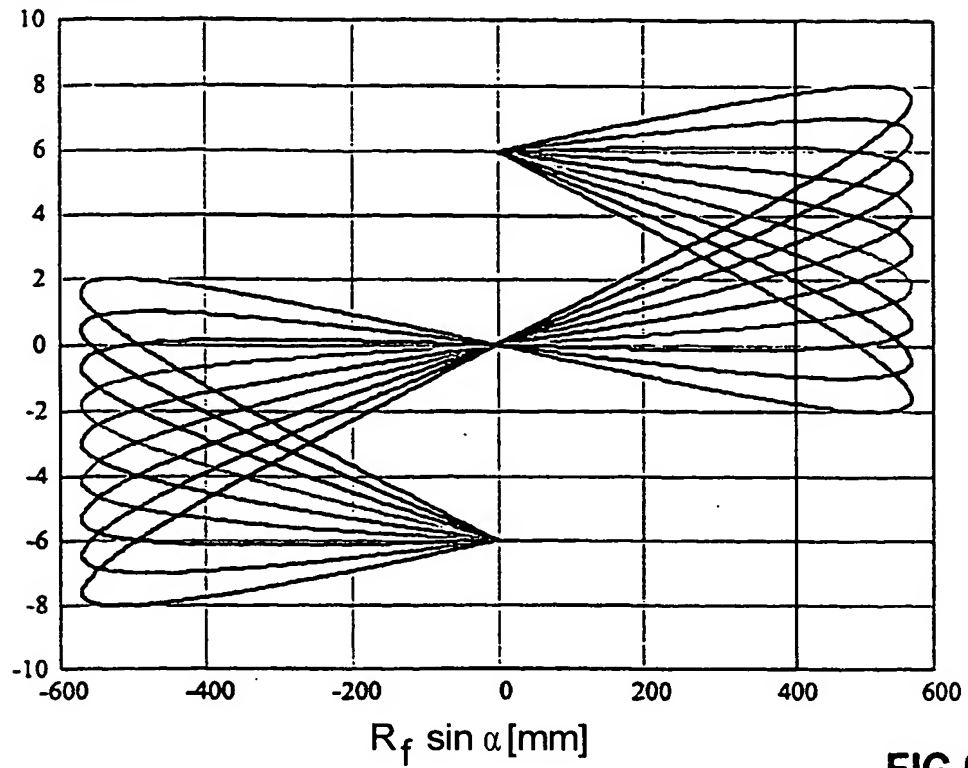


FIG 6

(mean squared distance)^{1/2} /s

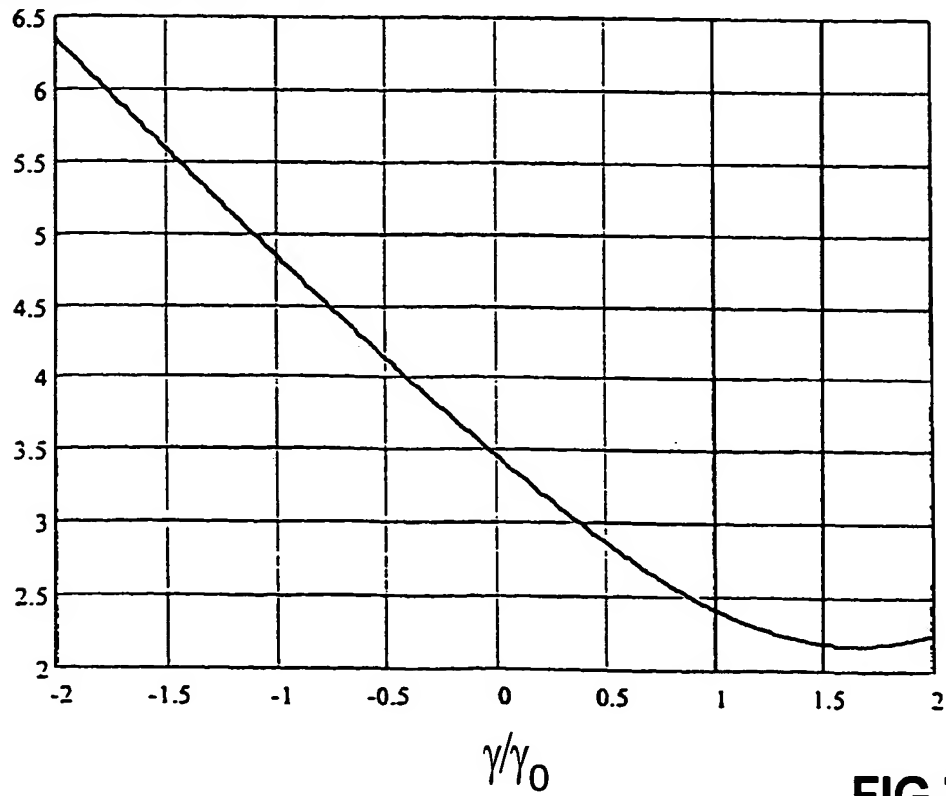


FIG.7

$z\text{-distance}/S$

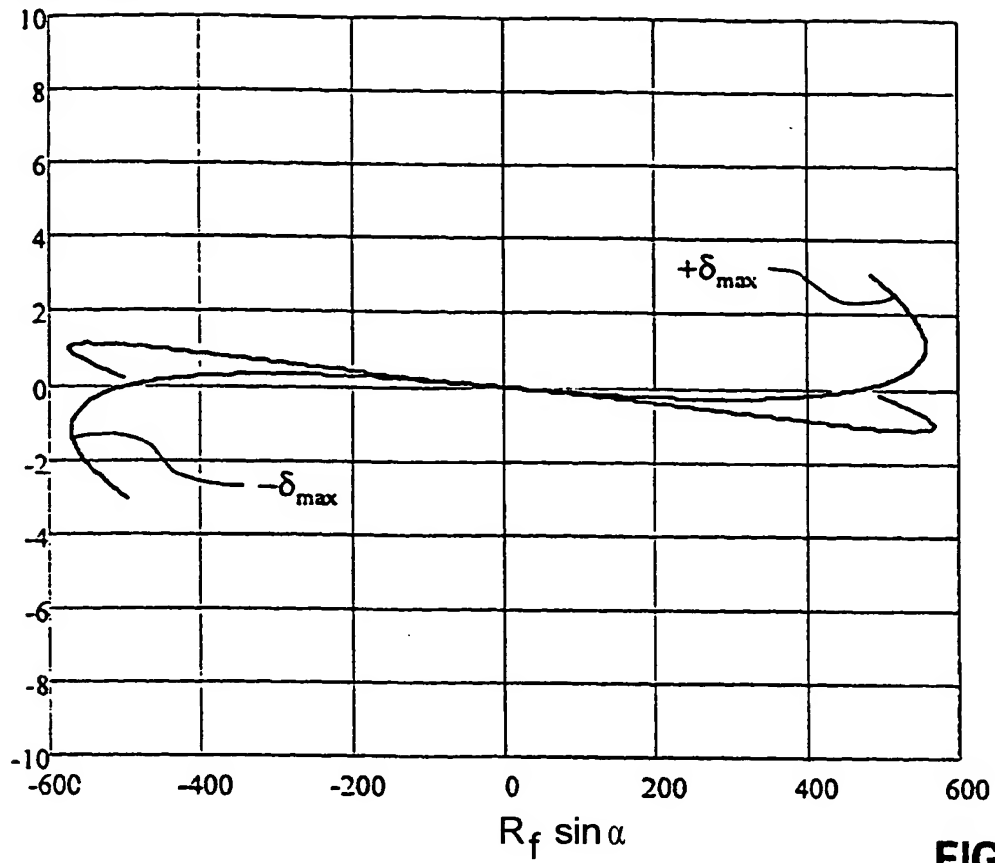


FIG 8

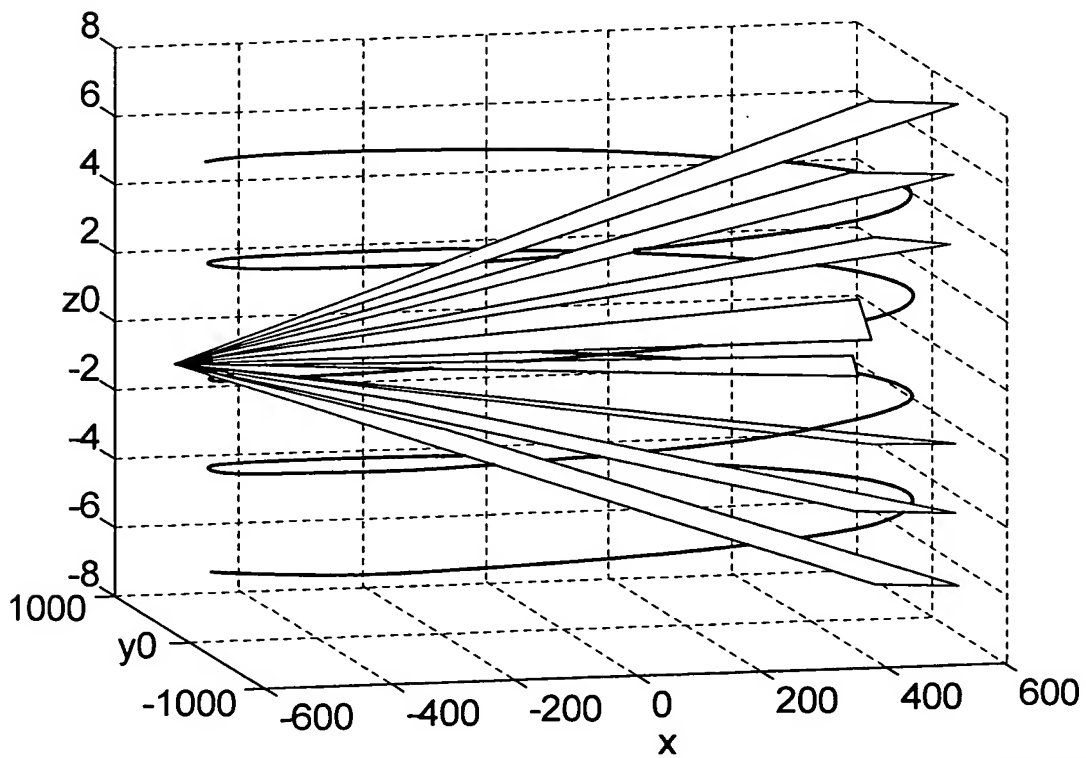


FIG.16

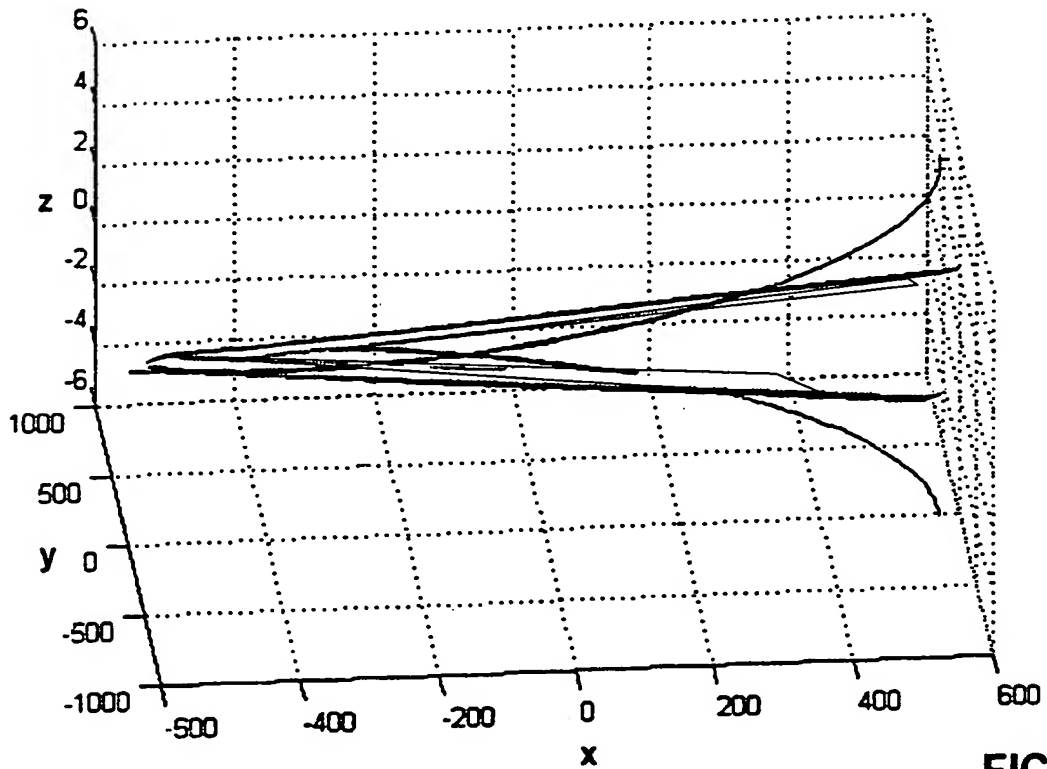


FIG 9

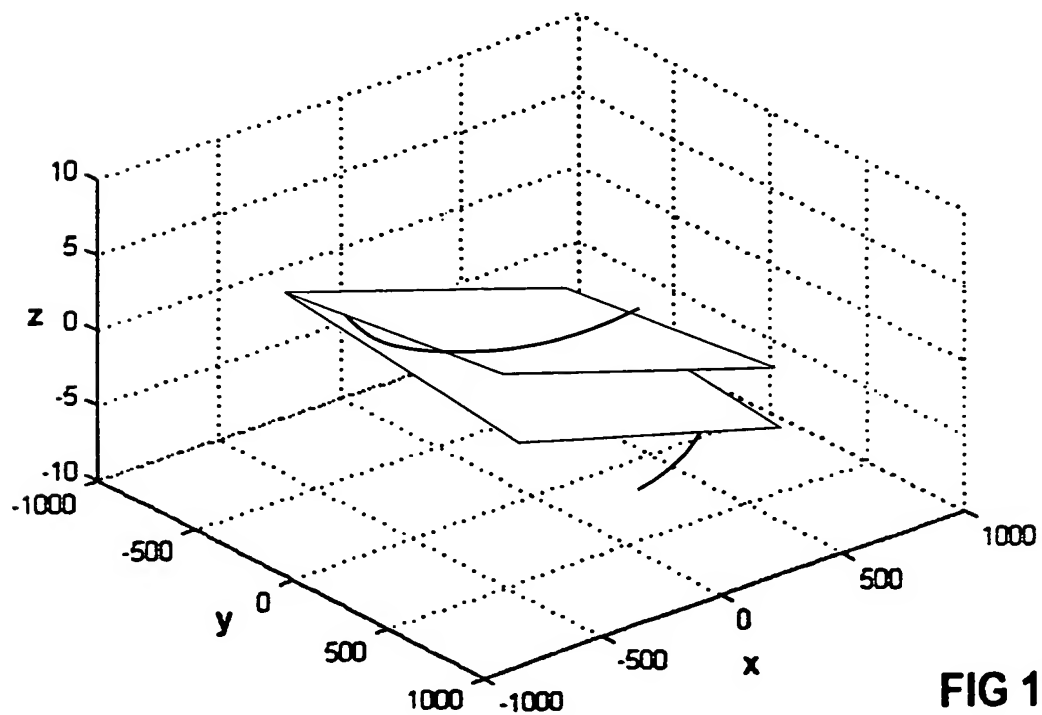


FIG 10

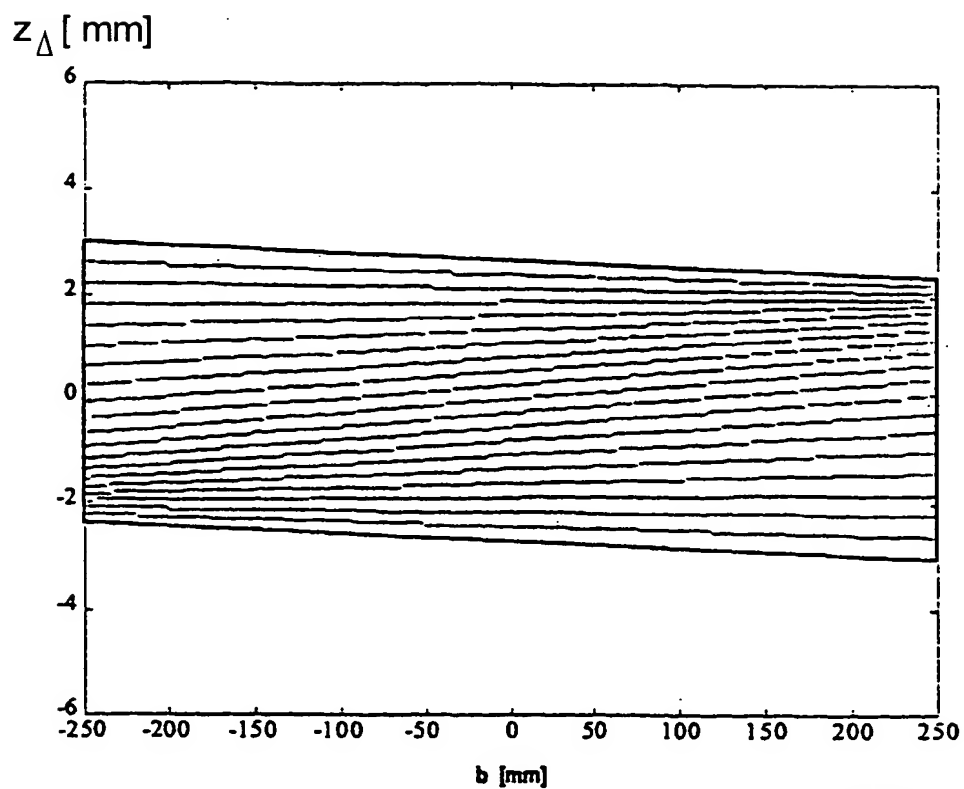


FIG 11

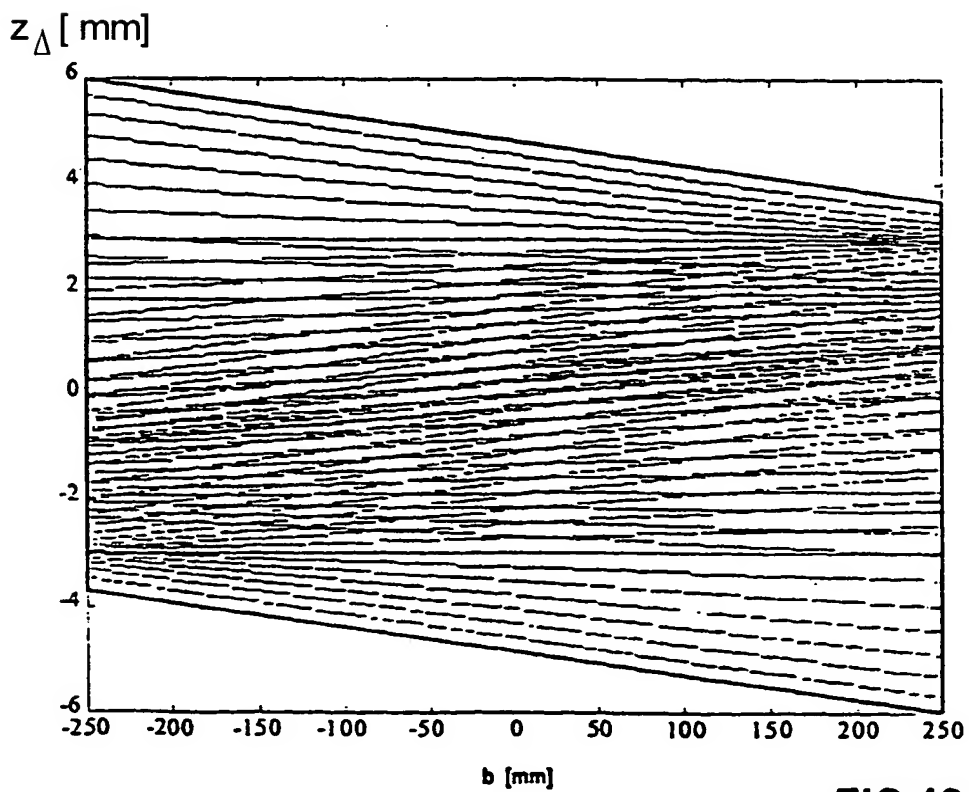


FIG 12

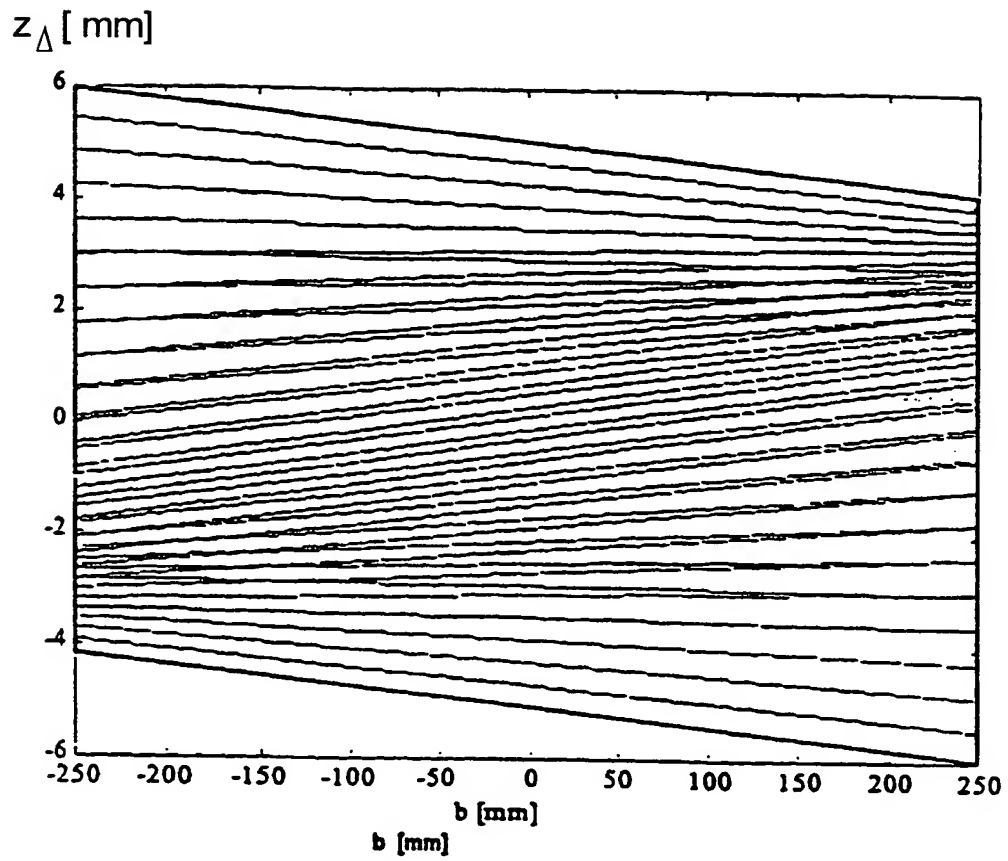


FIG 13

max Δ (degree)

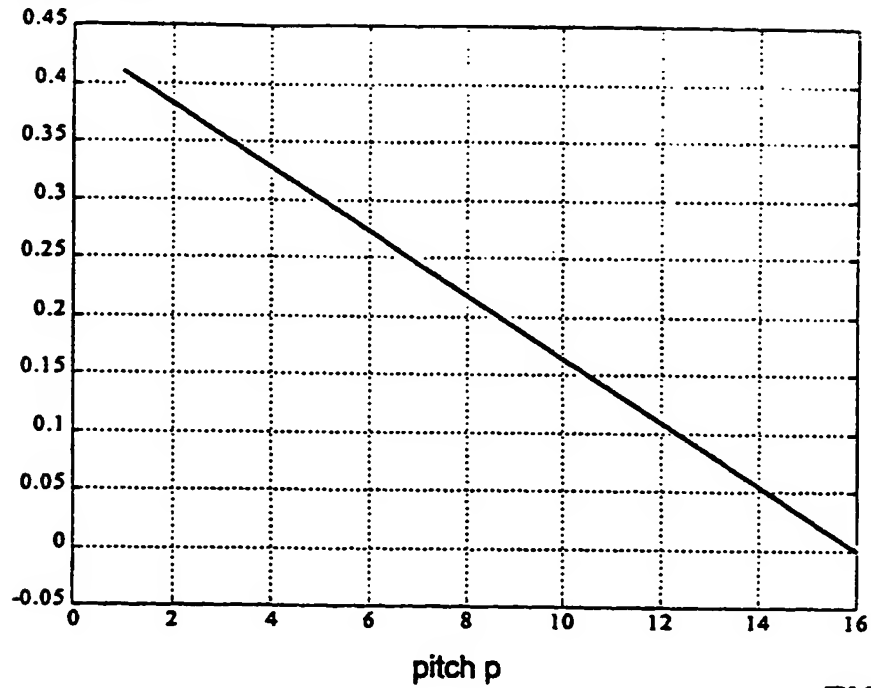


FIG 14

Time interval [s]

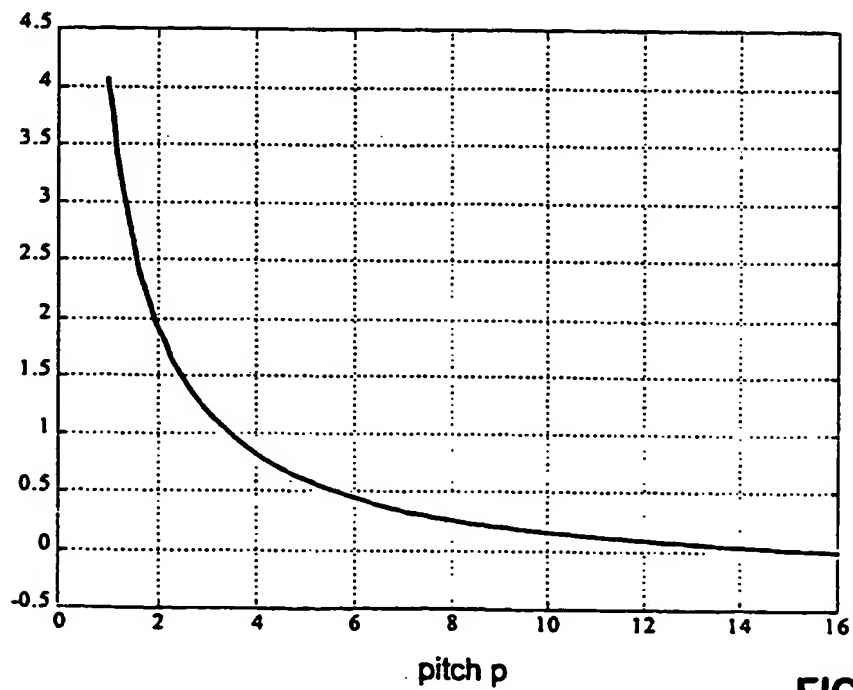


FIG 15

γ / degree

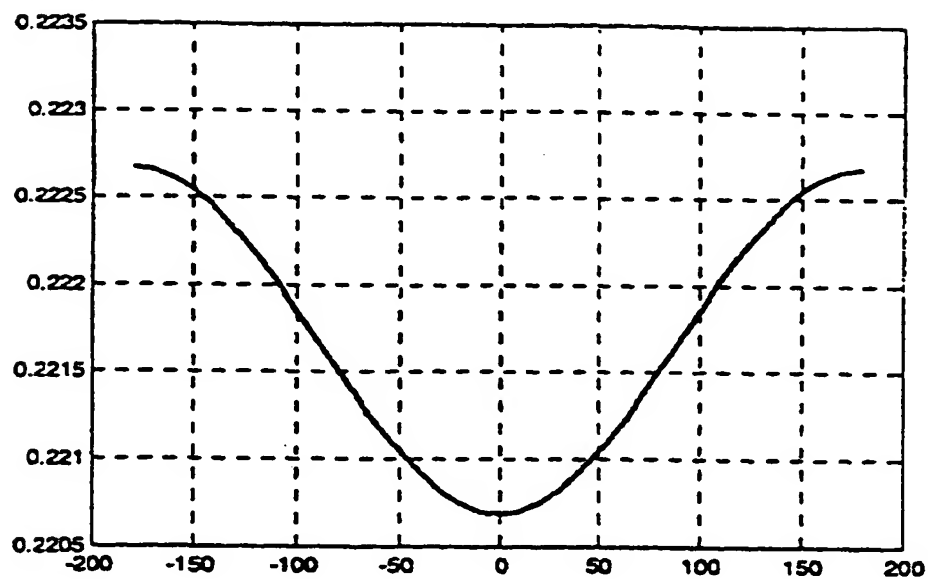


FIG 19

Δ / degree

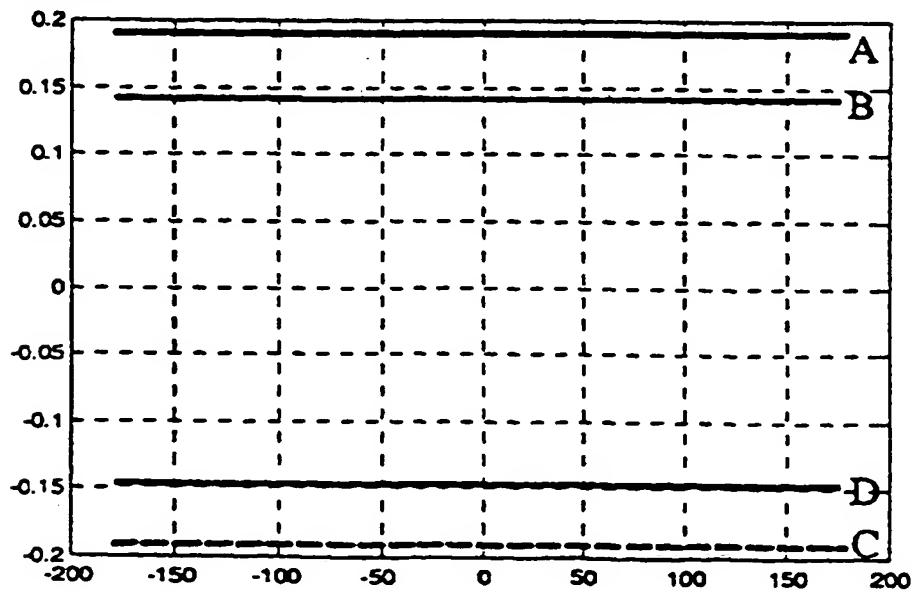


FIG 20

γ / degree

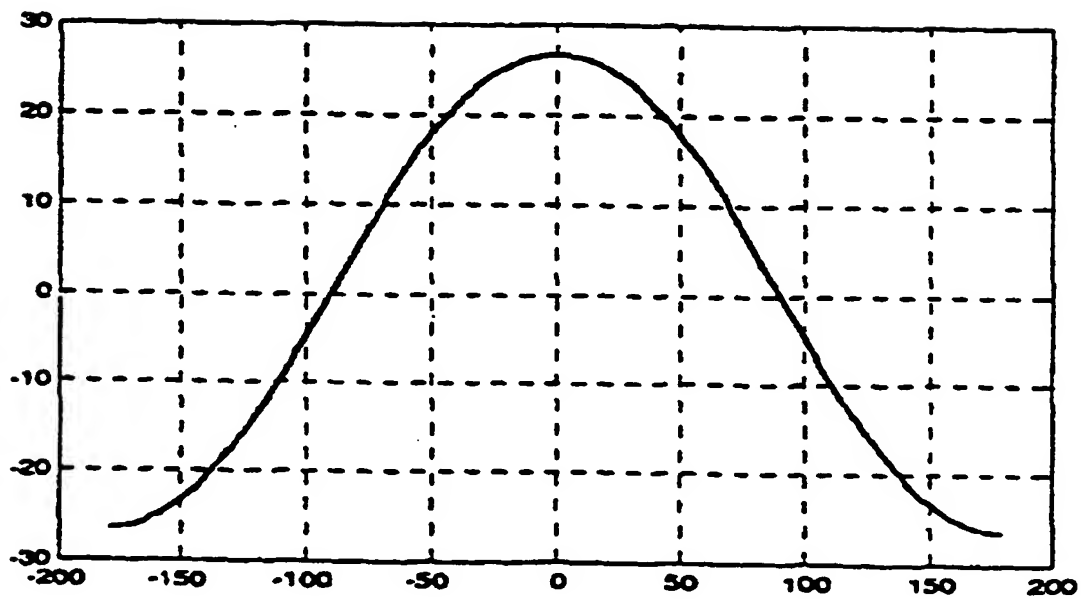


FIG 21